

Title (en)
POLYMER FILM AND USES OF THE SAME

Title (de)
POLYMERFILM UND VERWENDUNGEN DAVON

Title (fr)
FILM POLYMÈRE ET SES UTILISATIONS

Publication
EP 4166320 B1 20231213 (EN)

Application
EP 22164635 A 20220328

Priority
CN 202111207963 A 20211018

Abstract (en)
[origin: EP4166320A1] A polymer film and laminated glass manufactured using the polymer film are provided. The polymer film comprises a first layer, a second layer, and a third layer disposed between the first layer and the second layer, and the two surfaces of the third layer are in contact with the first layer and the second layer, respectively. The surface of the first layer that is not in contact with the third layer is a first surface, and the surface of the second layer that is not in contact with the third layer is a second surface, wherein the first surface has a void volume (Vv) value at a material ratio of 10% ranging from $3\text{ }\mu\text{m}^3/\mu\text{m}^2$ to $30\text{ }\mu\text{m}^3/\mu\text{m}^2$ and a dale void volume (Vvv) at a material ratio of 80% less than $2\text{ }\mu\text{m}^3/\mu\text{m}^2$, and the ratio of the maximum pit height (Sv) of the first surface to the thickness of the first layer is 0.2 or less.

IPC 8 full level
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CPC (source: CN EP)
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C-Set (source: EP)
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